



BIRCH, STEWART, KOLASCH & BIRCH, LLP

12/21/01
 TERRELL BIRCH
 RAYMOND C. STEWART
 JOSEPH A. KOLASCH
 JAMES M. SLATTERY
 BERNARD L. SWEENEY*
 MICHAEL K. MUTTER
 CHARLES GORENSTEIN
 GERALD M. MURPHY, JR.
 LEONARD R. SVENSSON
 ANDREW D. MEIKLE
 MARC S. WEINER
 JOE MCKINNEY MUNCY
 ROBERT J. KENNEY
 JOHN W. BAILEY
 MARK J. NUELLE, PH.D.
 JAMES T. ELLER, JR.
 D. RICHARD ANDERSON

OF COUNSEL:
 HERBERT M. BIRCH (1905-1996)
 ELLIOT A. GOLDBERG*
 WILLIAM L. GATES*
 EDWARD H. VALANCE
 RUPERT J. BRADY (RET.)*
 F. PRINCE BUTLER
 FRED S. WHISENHUNT
 JAMES W. HELLWEGE

*ADMITTED TO A BAR OTHER THAN VA

INTELLECTUAL PROPERTY LAW

8110 GATEHOUSE ROAD

SUITE 500 EAST

FALLS CHURCH, VA 22042-1210

USA

(703) 205-8000

FAX (703) 205-8050

(703) 698-8590 (G IV)

e-mail: mailroom@bskb.com

web: http://www.bskb.com

CALIFORNIA OFFICE
 COSTA MESA, CALIFORNIA

SCOTT L. LOWE
 PAUL C. LEWIS
 RICHARD J. GALLAGHER
 JAYNE M. SAYDAH*
 MARYANNE ARMSTRONG, PH.D.
 KECIA J. REYNOLDS
 ROBERT L. SCOTT, II
 KALPANA REDDY
 MARK E. OLDS
 ESTHER H. CHONG
 CATHERINE M. VOISINET*
 EUGENE T. PEREZ

REG. PATENT AGENTS
 FREDERICK R. HANDREN
 MAKI HATSUMI
 CRAIG A. McROBBIE
 GARTH M. DAHLEN, PH.D.
 ROBERT E. GOOZNER, PH.D.
 KRISTI L. RUPERT, PH.D.
 MATTHEW T. SHANLEY
 SUSAN W. GORMAN, PH.D.
 DAVID J. CHO
 ROBERT W. DOWNS

JC978 U.S. PTO
 10/024150
 12/21/01

Date: December 21, 2001Docket No.: 1163-0383P

Assistant Commissioner for Patents
 Box PATENT APPLICATION
 Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): NAGANO, Soichi
 MIYASHITA, Kenji; AOYAGI, Takahisa

For: SOUND REPRODUCTION APPARATUS AND METHOD WITH VARIABLE-SPEED
 FAST FORWARD/REVERSE

Enclosed are:

- ☒ A specification consisting of 25 pages
- ☒ 10 sheet(s) of FORMAL drawings
- ☒ An assignment of the invention - \$40.00 Recording Fee
- ☒ Certified copy of Priority Document(s)
- ☒ Executed Declaration ☒ Original ☐ Photocopy
- ☐ Applicant claims small entity status in accordance with 37 CFR 1.27
- ☐ Application Data Sheet in accordance with 37 C.F.R. 1.76

☐ Preliminary Amendment
☒ Information Disclosure Statement, PTO-1449 and reference(s)
☐ Other _____
☐ Applicant requests early publication

The filing fee has been calculated as shown below:

LARGE ENTITY				SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA	RATE FEE		RATE FEE
BASIC FEE	***** ***** *****	***** ***** *****	***** ***** \$740.00 *****	or	**** **** \$370.00 ****
TOTAL CLAIMS	12 - 20 =	0	x18 =\$ 0.00	or	x 9 = \$ 0.00
INDEPENDENT	2 - 3 =	0	x84 =\$ 0.00	or	x 42 = \$ 0.00
MULTIPLE DEPENDENT CLAIM PRESENTED <u>no</u>			+280 = \$ 0.00	or	+140 = \$ 0.00
			TOTAL \$ 740.00		TOTAL \$ 0.00

☒ A check in the amount of \$ 780.00 to cover the filing fee and recording fee (if applicable) is enclosed.

☐ Please charge Deposit Account No. 02-2448 in the amount of \$ _____. A triplicate copy of this transmittal form is enclosed.

☐ No fee is enclosed.

Please send correspondence to:

BIRCH, STEWART, KOLASCH & BIRCH, LLP or Customer No. 2292
 P.O. Box 747
 Falls Church, VA 22040-0747
 Telephone: (703) 205-8000

BIRCH, STEWART, KOLASCH & BIRCH, LLP

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. 1.16 or under 37 C.F.R. 1.17; particularly, extension of time fees.

Respectfully submitted,

BIRCH, STEWART, KOLASCH & BIRCH, LLP

By  #40,439

MICHAEL K. MUTTER

Reg. No. 29,680

P. O. Box 747

Falls Church, Virginia 22040-0747

(703) 205-8000

MKM/ka

10/11/00 09:40:00